

**AMENDMENTS TO THE CLAIMS**

1. (Previously Presented) A supporting device of a rotor, which comprises:  
  
a ceramic axial tube which is a hollow tube with one end opening fixed on and closed by the rotor, and the other end opening closed by a lid, to allow a space formed within the ceramic axial tube to store lubricants;  
  
at least one ceramic axial support rotationally supporting the ceramic axial tube; and  
  
a permeable structure formed on the ceramic axial tube to allow the lubricants leaking out from inside of the ceramic axial tube.
2. (Original) The supporting device of the rotor of claim 1, wherein the rotor is a heat-dissipation fan.
3. (Original) The supporting device of the rotor of claim 1, wherein the spacing between the outer surface of the ceramic axial tube and the inner surface of the ceramic axial support is within the range of 2-25  $\mu\text{m}$ .
4. (Original) The supporting device of the rotor of claim 1 wherein ceramic powders of a metal oxide selected from the group consisting of aluminum oxide, zirconium oxide, silicon oxide and a mixture thereof are used and uniformly formulated with a plastic agent, an assisting agent and a dispersing agent at a predetermined ratio.

5. (Original) The supporting device of the rotor of claim 1, wherein the permeable structure is a thin slot formed on the ceramic axial tube.

6. (Original) The supporting device of the rotor of claim 1, wherein the permeable structure is a hole formed on the ceramic axial tube.

7. (Original) The supporting device of the rotor of claim 1, wherein the lubricant is a fluoride-containing lubricant with a particle diameter smaller than 1  $\mu\text{m}$ .

8-16. (Cancelled)